

### **ABSTRACT OF THE DISCLOSURE**

An adhesion type denture adhesive is provided that is excellent in cleaning property without the use of an alginate salt and maintains adhesiveness for a long period of time while retaining the adhesiveness equivalent to that of the conventional adhesion type denture adhesives. The denture adhesive using a water soluble polymer, which contains 0.1 to 20% by weight of calcium sulfate and 3 to 60% by weight of sodium carboxymethylcellulose as a sole substance for forming gel through reaction with the calcium sulfate upon contact with an aqueous component. It is preferred that the water soluble polymer other than the sodium carboxymethyl cellulose is a polyacrylate salt and/or a partially alkali neutralized polyacrylate.